Journal of Gastroenterology and Hepatology (1989) 4, 603–605

Author index to volume 4

Acharya S. K. 25
Al-Khoury B. N. 151
Al-Khuwaitir S. A. 513
Al-Mofleh I. A. 513
Al-Tuwaijri A. S. 513
Anwar A. 313
Atkinson P. M. 17

Baker R. A. 497
Banatwala N. 313
Bartholomeusz F. D. L. 81
Baxter J. N. 353
Bellentani S. 195
Benedetti A. 221
Bhathal P. S. 241
Boey C. G. 127
Boks A. L. 283
Braquet P. 529
Broor S. 161
Broor S. L. 55, 259
Brunelli E. 221
Buckshee K. 345
Bushell M. 497
Byrnes O. 119

Cales P. 529
Caucanas J. P. 529
Chabrier P. E. 529
Chang M-H. 339
Chari S. T. 55, 215
Chatterton B. 437
Chawla Y. K. 155, 209, 215
Chen D-S. 339
Chen J. 41
Chen S-P. 41
Cheng W. S. C. 95
Chiang H. 137
Cho C. H. 265
Choi T. K. 483
Chung H-T. 11
Collins P. J. 437
Cox M. R. 49
Croese J. 95
Curatola G. 221

Datta R. 345
Davies S. 467
de Groot G. H. 283
Denoyel P. 529
Dent J. 49, 437
Dilawari J. B. 155, 209, 215, 405
Dubois F. 151

Enyama K. 229
Esquerre J. P. 529

Fan S. T. 299, 483
Farrell G. 1
Ferretti G. 221
Fick T. 283
Fletcher D. R. 251, 429
Forbes G. M. 449
Franzi S. J. 49
Frost L. 1
Fujiwara K. 305
Furuta S. 167

Gall J. A. M. 241
Gandhi B. M. 25
Garg S. K. 405
Ghosh P. 259
Gołąb T. 505
Goudeau A. M. 151
Gough I. R. 95
Gu C-F. 41
Guha D. K. 345
Gust I. 207

Hardy K. J. 251, 429
Hattori N. 295
Heddle R. 437
Hinouye Y. 295
Hirayama C. 101
Hirooka N. 395
Hong J-Y. 339
Horie Y. 101
Horowitz M. 437
Huang L-M. 339
Hui W-M. 143

Iannos J. 497
Iino Y. 395
Ikeda Y. 411
Irshad M. 25
Iyngkaran N. 127
Izumi R. 295

Jézéquel A. M. 221

Jonderko G. 505
Jonderko K. 505
Joshi Y. K. 25

Kajihara H. 387
Kamath K. R. 127
Kambe N. 101
Kapur B. M. L. 33
Karita M. 75
Kasugai T. 305
Kawasaki H. 101
Kerlin P. 119
Kew M. C. 17, 373
Khan M. N. 313
Kimura K. 395
King M. A. 17
Kiyosawa K. 167
Kobayashi K. 295, 419
Kochhar R. 259
Komi N. 63
Końca A. 505
Kumamoto T. 387
Kumar A. 55
Kumar N. 55
Kunitomo K. 63
Kuno N. 305
Kurai O. 419
Kurimoto K. 305
Kuroki T. 419
Kuyl J. M. 17
Kyegombe D. B. 513

Lai C-L. 11, 331, 581
Lai E. C. S. 483
Lai K. N. 325
Lam K. L. 127
Lam S-K. 143
Lau J. Y. N. 331, 581
Laughton L. A. 437
Lavelle R. 49
Lee C-Y. 339
Lee F-Y. 137
Lee S-D. 137
Leung J. W. C. 325
Lin C-Y. 137
Lin H-J. 137, 331, 581
Little A. F. 49
Liu H-C. 143
Liu T-H. 41
Lok A. S. F. 11
Lunazzi G. C. 195
Lynch S. V. 449

Madanagopolan N. 345
Mahmoud A. A. 513
Martin C. J. 49
Matsui K. 101
Matsui O. 295

McCaughan G. W. 467
McDonald J. A. 467
Mehta S. K. 161, 259
Melato M. 521
Misra S. P. 55
Mitra S. K. 155
Miyake K. 411
Morita M. 395
Motoo Y. 295
Mucli E. 521
Muhyee Al-Deen J. A. 151
Muuse M. M. 521

Nakai K. 101
Nakajima S. 419
Nakamura F. 387
Nakamura M. 387
Nakanuma Y. 295
Nandi S. S. 209
Nath R. 209
Nayak N. C. 345
Ng. I. O. L. 299
Nicholls J. 299

Ogùchi H. 167
Ohta G. 295
Ohto M. 395
Oka H. 411
Okada K. 387
Okita K. 75
Okuda K. 395
Orlandi F. 221

Painter D. M. 467
Panda S. K. 345
Pannall P. R. 317
Paquet K-J. 385
Pascal J. P. 529
Pfeiffer C. J. 265
Powell L. W. 95, 479
Prendergast D. 1
Pun C. O. 325

Qureshi H. 313

Raju G. S. 161
Ramesh G. N. 155, 259
Rassam S. W. 151
Read N. W. 437
Reuvers C. B. 283
Roberts-Thomson I. C. 317
Rose I. S. 537

Saccone G. T. P. 497
Sadik A. M. 151
Saisho H. 395
Saraswat V. A. 33

Sarin S. K. 55
Sasaki H. 387
Schalm S. W. 283
Shamsi Z. 313
Sharma B. K. 259
Sharma S. 405
Shearman D. J. C. 81
Shimanaka K. 229
Shimao S. 101
Shinagawa T. 395
Shulkes A. 251, 429
Singal A. 55
Singh K. 405
Singh V. 161
Smallwood R. A. 547
Somjen G. 251
Sottocasa G. L. 195
St John D. J. B. 537
Sternlieb I. 175
Summers K. M. 183, 273

Takada A. 229
Takase S. 229
Takehara H. 63
Takemoto T. 75
Tanaka N. 295
Tandon B. N. 25
Tandon R. K. 33
Tanehiro K. 305
Taraglio S. 521
Terpstra O. T. 283
Tiribelli C. 195
Toda G. 411
Toouli J. 317, 497
Tsai Y-T. 137
Tsay S-H. 137
Tsuchiya Y. 395
Tsunetomi S. 395
Tsutsumi M. 229

Uemura K. 167

Valente M. 521
Vashisht S. 33
Vij J. C. 55
Vinel J. P. 529
Viossat I. 529
Viranuvatti V. 563

Wakatsuki T. 295
Walia B. N. S. 155
Ward M. 95
Williams R. 449
Wong J. 483
Wong L. 119
Wu P-C. 11, 331, 581

Yadav M. 127
Yamada H. 411
Yamada M. 101
Yamamoto S. 419
Yamanaka M. 411
Ye S-F. 41
Young G. P. 537

Zuberi S. J. 313
Zuckerman A. J. 345

Journal of Gastroenterology and Hepatology (1989) **4**, 607–612

Subject index to volume 4

acetaldehyde; effect on collagen synthesis; cultured hepatocytes 229
acid ingestion; in corrosive oesophageal strictures 55
acute cholangitis
  after endoscopic sphincterotomy 483
  duodenoscopic sphincterotomy for 33
acute hepatic failure; artificial support strategies; review 283
acute viral hepatitis
  aetiology; Taiwanese children 339
  aetiology and outcome; pregnancy 345
  and fulminant hepatic failure 209
  in Iraq 151
aetiology
  acute viral hepatitis
    pregnancy 345
    Taiwanese children 339
African Blacks; hepatocellular carcinoma markers 17
AIDS
  and diarrhoea (selected summary) 105
  gastrointestinal manifestations; review 547
alcoholic liver disease
  and biochemical feminization of males (selected summary) 587
  and hepatitis B virus infection 11
  α-fetoprotein marker; hepatocellular carcinoma 17
amoebiasis; hepatic; review 563
anomalous arrangement of the pancreaticobiliary ductal system; and choledochal cyst 63
anti-interferon-α_{2a} antibodies; detection; in chronic liver disease 411
anti-pre-S antibody to HBsAg in hepatitis B 25
antibodies
  anti-interferon-α_{2a}; detection; in chronic liver disease 411
  antigliadin and immunoglobulin allotype in coeliac disease (letter) 115
  to HBsAg in hepatitis B 25
antigliadin antibodies and immunoglobulin allotype in coeliac disease (letter) 115
antral motility; in regulation of gastric emptying of solids 437
ascites
  and human atrial natriuretic peptide levels in liver cirrhosis 167
  cirrhotic; intraperitoneal pressure in 325
Asian-Pacific region; liver transplantation (editorial comment) 479
aspartate aminotransferase; plasma levels; after morphine in sphincter of Oddi motility 317
aspirin; effect on HemoQuant assay (selected summary) 492
atrial natriuretic peptide
  and ascites; in cirrhosis 167
  and water retention; in cirrhosis 529

biliary dilatation; and anomalous arrangement of the pancreaticobiliary ductal system 63
biliary epithelial cells; prekeratin binding; fetal rat livers 241
biliary motility; cholecystokinin effects; possums 497
biochemical feminization of males; with alcoholic liver disease (selected summary) 587
book reviews 303, 391, 495, 595

calcitonin; effect on gall-bladder volume 505
calcium homeostasis; in halothane hepatitis 1
Campylobacter pylori infection; animal model (selected summary) 107
carbohydrate metabolism abnormalities; in non-A, non-B viral hepatitis 405
cardiac output; and atrial natriuretic peptide; in cirrhosis 529
cell death; in halothane hepatitis 1
Chinese; benign recurrent intrahepatic cholestasis 581
cholangitis
  acute; after endoscopic sphincterotomy 483
  acute suppurative; duodenoscopic sphincterotomy for 33
cholecystectomy; residual pain; morphine–neostigmine responses 317
cholecystokinin; effect on gall-bladder and sphincter of Oddi; possums 497
choledochal cysts; review 63
cholestasis; benign recurrent intrahepatic; in a Chinese girl 581
chronic hepatitis B; interferon receptor binding during interferon therapy 419
chronic liver disease; anti-interferon-α_{2a} antibodies detection in 411
chronic pancreatitis; progression of radiological changes 305
chylous ascites; in cirrhosis 95

cirrhosis
chylous ascites in 95
liver
haemodynamic relationships in 529
hepatocellular carcinoma in Trieste, Italy 521
plasma human atrial natriuretic peptide levels 167
variceal pressure in; endoscopic measurement (selected summary) 592
cirrhotic ascites; intraperitoneal pressure in 325
cisapride; and the lazy lower oesophageal sphincter (selected summary) 490
coeliac disease; immunoglobulin allotype and serum antigliadin antibodies (letter) 115
colitis; ulcerative; in Karachi, Pakistan 313
collagen diseases; and combined hepatocellular-cholangiocarcinoma 101
collagen synthesis; ethanol effects; cultured hepatocytes 229
colonic volvulus; endoscopy role in (selected summary) 110
combined hepatocellular-cholangiocarcinoma; with dermatomyositis 101
computed tomography; for diagnosis of small hepatocellular carcinoma 395
congenital biliary dilatation; review 63
copper toxicosis; hepatic; review 175
correspondence
synergism of chronic alcoholism and hepatitis B infection 599
corrosive oesophageal strictures; acid ingestion in 55
cow's milk protein; and small bowel mucosal damage 127
Crohn's disease; activity measurement; review 81
cytochrome P–450; hepatic levels; leishmaniasis infection effects in mice 513

dermatomyositis; with combined hepatocellular-cholangiocarcinoma 101
des-γ-carboxy prothrombin marker; hepatocellular carcinoma 17
diagnosis of small hepatocellular carcinoma; by computed tomography 395
dialytic ultrafiltration; and intraperitoneal pressures in cirrhotic ascites 325
diarrhoea; in AIDS patients (selected summary) 105
diphenylhexatriene probe; plasma membrane fluidity; isolated hepatocytes 221
duodenal lipid infusion; in studies of slowing of gastric emptying 437
duodenal ulcer
gastric acid secretion; smoking effects 259
gastrin and somatostatin cells in 41
parietal cell mitochondrial activity 143
duodenoscopic sphincterotomy; for acute suppurative cholangitis 33

electronic endoscopy; review 75
ELISA test
anti-interferon-α_{2a} antibodies 411
anti-pre-S antibodies in serum 25
emptying
gall-bladder
calcitonin effects 505
review 353
gastric
of solids; motor mechanisms 437
radiolabelled unprocessed bran in studies of 119
endoscopic biopsy site evaluation; in gastric malignancy 137
endoscopic dilatation; in corrosive oesophageal strictures 55
endoscopic sclerotherapy; in children 155
endoscopic sphincterotomy; and acute cholangitis complications 483
endoscopy
electronic; review 75
for colonic volvulus (selected summary) 110
in upper gastrointestinal haemorrhage (editorial comment) 385
enteroscopy; small bowel; advances (selected summary) 491
enzyme-linked immunosorbent assay, *see* ELISA
ethanol
effect on collagen synthesis; cultured hepatocytes 229
effect on HemoQuant assay (selected summary) 492
ethanol ulceration; in *Taenia*-stimulated hypertrophic gastropathy; rat 265
extracorporeal devices; in acute hepatic failure 283

feminization; biochemical; of males; in alcoholic liver disease (selected summary) 587
fluorescent probes; plasma membrane fluidity; isolated hepatocytes 221
focal minimal pancreatitis; progression of radiological changes 305
food protein intolerance; and small bowel mucosal damage 127
fulminant hepatic failure; serum and urinary zinc levels 209
fulminant viral hepatitis; in India 161

gall-bladder; cholecystokinin effects; possums 497
gall-bladder emptying
calcitonin effects 505
review 353
gall-bladder volume; calcitonin effects 505
gastric acid secretion; smoking effects; duodenal ulcer 259
gastric emptying
of solids; motor mechanisms 437

radiolabelled unprocessed bran in studies of 119
gastric malignancy; endoscopic biopsy site evaluation 137
gastric ulceration; ethanol-induced; in *Taenia*-stimulated hypertrophic gastropathy 265
gastrin cells; in duodenal ulcer aetiology 41
gastro-oesophageal reflux; postural influences; dog 49
gastrointestinal diseases; molecular genetic applications; review 183, 273
gastrointestinal haemorrhage; upper; endoscopy for (editorial comment) 385
gastrointestinal manifestations of AIDS; review 547
gastrointestinal peptides; role in haemodynamic pathophysiology of mesenteric ischaemia 251
gene cloning; review 183
glucose tolerance test abnormalities; in non-A, non-B viral hepatitis 405
graft dysfunction; liver; clinicopathological features; review 467
Green Cross hepatitis B vaccine; effectiveness 331
gut; fate of haemoprotein and the absorption of haem; review 537

haem absorption; gut; review 537
haemodynamic pathophysiology of mesenteric ischaemia; gut peptides; role 251
haemodynamic relationships; in cirrhosis 529
haemoprotein; fate of; in the gut; review 537
haemorrhage; variceal; prophylactic sclerotherapy use (selected summary) 589
halothane hepatitis; drug-metabolite induced cell death 1
HemoQuant assay; aspirin and ethanol effects (selected summary) 492
hepatic copper toxicosis; review 175
hepatic cytochrome P-450 levels; leishmaniasis infection effects; mice 513
hepatic failure; acute; artificial support strategies; review 283
hepatic microsomal protein levels; leishmaniasis infection effects; mice 513
hepatic transport of organic anions; role of plasma membrane carrier proteins 195
hepatic venous wedge pressure; in cirrhotic ascites 325
hepatitis
  acute viral
    aetiology; Taiwanese children 339
    aetiology and outcome; pregnancy 345
    and fulminant hepatic failure 209
    in Iraq 151
  chronic active; anti-interferon-α_{2a} antibodies detection in 411
  fulminant viral; in India 161
  halothane; drug-metabolite induced cell-death in 1
  lupoid; and hepatocellular carcinoma 295
non-A, non-B viral
  in Iraq (editorial comment) 207
    transient carbohydrate metabolism abnormalities in 405
hepatitis B; chronic; interferon receptor binding during interferon therapy 419
hepatitis B vaccines; plasma-derived; comparison 331
hepatitis B virus
  and alcoholic liver disease 11
  and HTLV-1 in a double carrier family 387
  anti-pre-S antibody levels 25
hepatocellular carcinoma
  association with lupoid hepatitis 295
  in cirrhosis; Trieste, Italy 521
  serum markers 17
    review 373
  small; diagnosis by computed tomography 395
hepatocytes
  cultured; ethanol effects; collagen synthesis 229
  genetic defect correction; from the Watanabe hyperlipidemic rabbit (selected summary) 585
  isolated; plasma membrane fluidity 221
hereditary diseases; molecular genetic applications in 273
human pancreatic cancer-associated antigen; radio-immunoassay (selected summary) 489
human T cell lymphotropic virus type 1; and HBV in a double carrier family 387
human T cell lymphotropic virus type 1 associated myelopathy 387
hypertrophic gastropathy; ethanol-induced lesions; animal models 265

immunoglobulin allotype and serum antigliadin antibodies in coeliac disease (letter) 115
India; fulminant viral hepatitis 161
Institut Pasteur hepatitis B vaccine; effectiveness 331
interferon treatment; of chronic hepatitis B 419
intestinal transit; radiolabelled unprocessed bran in studies of 119
intrahepatic bile duct; ontogeny; fetal rats 241
intrahepatic cholestasis; benign recurrent; in a Chinese girl 581
intraperitoneal pressure; in cirrhotic ascites 325
Iraq
  acute viral hepatitis 151
  non-A, non-B viral hepatitis (editorial comment) 207
iron absorption; gut; review 537
ischaemia; mesenteric; haemodynamic changes in sheep 251
Italy; hepatocellular carcinoma in cirrhosis 521
Ito cells; cultured; ethanol effects; collagen synthesis 229

labelled bran; in gastrointestinal transit profiles 119
lactate; effect on collagen synthesis; cultured hepatocytes 229
Leishmania major; effect on hepatic microsomal protein and cytochrome P-450 513
letter to the editor; immunoglobulin allotype and serum antigliadin antibodies in coeliac disease 115
liver allograft dysfunction; clinicopathological features; review 467
liver cirrhosis
  haemodynamic relationships in 529
  hepatocellular carcinoma in; Trieste, Italy 521
  plasma human atrial natriuretic peptide levels 167
liver disease
  alcoholic; and hepatitis B virus infection 11
  chronic; anti-interferon-α_{2a} antibodies detection in 411
  molecular genetic applications; review 183, 273
  parasitic; review 563
liver plasma membrane fluidity; fluorescent probe studies 221
liver transplantation
  Asian-Pacific region (editorial comment) 479
  in acute hepatic failure 283
  management after discharge; Queensland 457
  orthotopic; early postoperative complications; review 437
  patient management after discharge; review 457
lower oesophageal sphincter; subnormal; cisapride effects (selected summary) 490
lower oesophageal sphincter relaxation; and acid reflux; dog 49
lupoid hepatitis; and hepatocellular carcinoma 295
lymphangioma of the pancreas 299

medical genetics
  applications; in gastrointestinal and liver diseases 183
  clinical relevance; in gastrointestinal and liver diseases 273
membrane fluidity; in isolated rat hepatocytes 221
mesenteric ischaemia; haemodynamic changes; sheep 251
metabolic clearance rate measurement; neurotensin metabolites; circulation 429
microsomal protein; hepatic levels; leishmaniasis infection effects in mice 513
molecular genetics
  clinical relevance; in gastrointestinal and liver diseases 273
  techniques; in gastrointestinal and liver diseases 183
morphine–neostigmine responses; in biliary pain after cholecystectomy 317

neostigmine–morphine responses; in biliary pain after cholecystectomy 317
neurotensin metabolites; potency assessment; pancreatic polypeptide release measurement 429
non-A, non-B viral hepatitis
  in Iraq (editorial comment) 207
  transient carbohydrate metabolism abnormalities in 405
non-cirrhotic portal fibrosis; natural/spontaneous shunts in 215

oesophageal varices; pressure measurements (selected summary) 592
omeprazole; effects on mitochondrial activity in duodenal ulcer 143
ontogeny; intrahepatic bile duct; fetal rats 241
organic anions; hepatic transport; role of plasma membrane carrier proteins 195
orthotopic liver transplantation; early postoperative complications; review 437

Pakistan; ulcerative colitis 313
pancreatic lymphangioma 299
pancreatic polypetide measurement; for neurotensin metabolite potency assessment 429
pancreatitis; chronic; progression of radiological changes 305
parasitic liver diseases; review 563
peripheral blood mononuclear cells
  halothane hepatitis 1
  interferon binding; in treated chronic hepatitis B 419
phenol; as a venous sclerosant (selected summary) 112
plasma membrane carrier proteins; in hepatic transport of organic anions 195
plasma renin activity; and atrial natriuretic peptide; in cirrhosis 529
plasma volume; and atrial natriuretic peptide; in cirrhosis 529
plasma-derived hepatitis B vaccines; comparison 331
portal fibrosis; non-cirrhotic; natural/spontaneous shunts in 215
portal hypertension; endoscopic sclerotherapy use; in children 155
portal pressure; in cirrhosis; endoscopic measurement (selected summary) 592
portosystemic shunts; in non-cirrhotic portal fibrosis 215
possums; effect of cholecystokinin on gall-bladder and sphincter of Oddi 497
posture influences; transient lower oesophageal sphincter relaxation; dog 49
pregnancy; and acute viral hepatitis; aetiology and outcome 345
prekeratin antigen; detection; developing intrahepatic bile duct in rats 241
primary biliary cirrhosis; recurrence after

transplantation (selected summary) 109
prophylactic sclerotherapy; for variceal haemorrhage (selected summary) 589

radio-immunoassay; for human pancreatic cancer-associated antigen (selected summary) 489
radiolabelling techniques; in evaluating gastrointestinal transit 119
radiological features of chronic pancreatitis 305
ranitidine; effects on mitochondrial activity in duodenal ulcer 143
recombinant DNA techniques
  clinical relevance; in gastrointestinal and liver diseases 273
  in gastrointestinal and liver diseases; review 183
referees
  1988 117
reviews
  amoebiasis and other parasitic diseases of the liver 563
  artificial hepatic support in acute hepatic failure 283
  choledochal cysts 63
  Crohn's disease activity measurement 81
  early postoperative complications; orthotopic liver transplantation 449
  electronic endoscopy 75
  gall-bladder emptying 353
  gastrointestinal manifestations of AIDS 547
  haem in the gut 537
  hepatic copper toxicosis 175
  hepatic transport of organic anions; role of plasma membrane carrier proteins 195
  hepatocellular carcinoma serum markers 373
  liver allograft dysfunction 467
  management of liver transplant patients 457
  molecular genetic clinical applications; in gastrointestinal and liver diseases 273
  molecular genetic techniques; in gastrointestinal and liver diseases 183

sclerotherapy
  endoscopic, in children 155
  prophylactic; for variceal haemorrhage (selected summary) 589
selected summaries
  animal models for *Campylobacter pylori* infection 107
  aspirin and ethanol effects on the HemoQuant assay 492
  biochemical feminization of males with alcoholic liver disease 587
  cisapride and the lazy lower oesophageal sphincter 490
  diarrhoea in AIDS patients 105
  endoscopy in colonic volvulus 110
  human pancreatic cancer-associated antigen RIA 489
  metabolic defect correction by gene transfer into isolated hepatocytes 585
  phenol as a venous sclerosant 112
  prophylactic sclerotherapy for variceal haemorrhage 589
  small bowel enteroscopy technique 491
  transplantation for primary biliary cirrhosis 109
  variceal pressure in cirrhosis 592
serial pancreatograms; in minimal pancreatitis; progression 305
serum markers; in hepatocellular carcinoma 17
serum zinc; in fulminant hepatic failure 209
small bowel enteroscopy; technique (selected summary) 491
small bowel mucosal damage; and food protein intolerance 127
smoking; effects on gastric acid secretion; duodenal ulcer 259
somatostatin cells; in duodenal ulcer aetiology 41
soy protein; and small bowel mucosal damage 127
SPan-1 antigen; RIA in gastrointestinal disorders (selected summary) 489
sphincter of Oddi
  motility
    cholecystokinin effects; possum 497
    morphine effects; plasma aspartate aminotransferase levels 317
sphincterotomy; endoscopic; acute cholangitis after 483
spontaneous shunts; in non-cirrhotic portal fibrosis 215
synergism
  chronic alcoholism and hepatitis B infection 11
    correspondence 599
systemic vascular resistances; and atrial natriuretic peptide; in cirrhosis 529

Taenia taeniaeformis-stimulated hypertrophic gastropathy; ethanol ulceration in 265
Taiwan; acute viral hepatitis in; children 339
toxicosis; hepatic copper; review 175
transient lower oesophageal sphincter relaxation; postural influences; dog 49
transplantation
  liver
    Asian-Pacific region (editorial comment) 479
    in acute hepatic failure 283
    patient management after discharge; review 457
  orthotopic liver; early postoperative complications; review 437
trimethylammoniodiphenylhexatriene probe; plasma membrane fluidity; isolated hepatocytes 221
tumour markers
  hepatocellular carcinoma 17
    review 373

ulcer
  duodenal
    gastric acid secretion; smoking effects 259
    gastrin and somatostatin cells in 41
    parietal cell mitochondrial activity 143
  gastric; endoscopic biopsy site evaluation 137
ulceration; ethanol-induced; in *Taenia*-stimulated hypertrophic gastropathy 265
ulcerative colitis; in Karachi, Pakistan 313
upper gastrointestinal haemorrhage; endoscopy for (editorial comment) 385
urinary zinc; in fulminant hepatic failure 209

variceal haemorrhage
  and portal hypertension; endoscopic sclerotherapy use 155
  prophylactic scleropathy use (selected summary) 589
variceal pressure; in cirrhosis (selected summary) 592
venous sclerosants; phenol use (selected summary) 112
vertical transmission; HBV and HTLV-1 in HTLV-1 associated myelopathy 387

Watanabe hyperlipidemic rabbit hepatocytes; genetic defect correction (selected summary) 585

zinc levels; in fulminant hepatic failure 209